

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2013-4366
Application: Category B, subcategory 3.11
Product: Insignia EG Fungicide
Registration Number: 28859
Active ingredients (a.i.): Pyraclostrobin
PMRA Document Number: 2364901

Background

Insignia EG Fungicide has been registered since April, 2008 and is registered for the control or suppression of several diseases on golf course turf. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to product label.

Purpose of Application

The purpose of this application was to amend the registration of Insignia EG Fungicide to include the claim of control of pythium root dysfunction disease (*P.volutum*, *P. arrhenamanes*, *P. aristosporum*) and to add the disease name “fusarium patch” on turfgrass. The product is intended for application at a rate of 2800 g per hectare with a maximum of six applications per year with a 14-28 day interval between applications to control pythium root dysfunction disease.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crop, application rates and timings, of the component product remained unchanged.

Value Assessment

Insignia would provide the golf course superintendents with a product to help manage pythium root dysfunction problems. Currently there are no products registered in Canada for this disease. Experimental data generated from three efficacy trials as well as history of use in the US were submitted by the applicant to support the addition of pythium root dysfunction disease on turfgrass. In the experimental trials, Insignia, applied according to the proposed use pattern, provided good control of pythium root dysfunction disease when compared to the untreated control or other fungicide treatments under moderate to high disease pressure.

Based on the value information provided by the applicant, the addition of pythium root dysfunction disease (*P.volutum*, *P. arrhenamanes*, *P. aristosporum*) to the Insignia Fungicide label is supported. The disease name “fusarium patch” can also be added to the Insignia EG Fungicide label as it refers to the disease “microdochium patch” which is currently registered on the Insignia EG Label. Modifications to the number of sequential applications for certain diseases were made following recommendations from the Fungicide Resistance Action Committee.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Insignia EG Fungicide to include the claim of control of pythium root dysfunction disease (*P.volutum*, *P. arrhenamanes*, *P. aristosporum*) on turfgrass and add the name “fusarium patch” to the product label.

References

- 2335087 2013, Part 10 - Value New Disease, DACO:
10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.2(D),10.2.3.3(D),10.2.4,10.3,10.3.1,
10.3.2(B)
- 2335088 2013, Part 10 - Value Rationale to Add Fusarium patch, DACO: 10.6

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